

CLAIMS

1. A haymaking machine comprising a frame (1) that consists of
- 5 - a longitudinal beam (2),
- a hitching device (3) that is articulated on the beam (2) by means of a substantially vertical axis (9),
- 10 - a crossmember (4) that is attached to the beam (2) and that carries soil resting wheels (7 and 8),
- which frame (1) carries at least one work member (13) capable of moving plants or other products lying on the ground,
- 15 characterized in that
- the beam (2) is made in at least two parts (21 and 22) that are situated one behind the other and that are articulated with one another by means of at least one substantially vertical axis (23) making it possible to move one of the
- 20 parts (21, 22) relative to the other,
- the hitching device (3) is articulated on the foremost part (21),
- the crossmember (4) with the wheels (7 and 8) and the work member or members (13) are carried
- 25 by the rearmost part (22) and
- the work member or members (13) can be moved with said rear part (22) about the axis of articulation (23) into different work positions
- 30 obtained by pivoting the front part (21) about its axis of articulation (9) with the hitching device (3).
2. The machine as claimed in claim 1, characterized
- 35 in that at least one hydraulic cylinder (26, 29) is connected to each part (21 and 22) of the beam (2).

3. The machine as claimed in claim 2, characterized in that the hydraulic cylinder or cylinders (26, 29) are offset laterally relative to the axis of articulation (23) between the two parts (21 and 22) of the beam (2).
4. The machine as claimed in claim 3, characterized in that two single-acting hydraulic cylinders (26 and 29), situated one on the right and the other on the left of the axis of articulation (23), are connected to each part (21 and 22) of the beam (2).
5. The machine as claimed in claim 1, characterized in that it comprises a mechanism (30) for controlling the soil resting wheels (7 and 8) that extends from the hitching device (3) to said wheels (7 and 8) and that comprises an articulation (31) at the axis of articulation (23) between the two parts (21 and 22) of the beam (2).
6. The machine as claimed in claim 5, characterized in that the control mechanism (30) comprises a first rod (32) that is articulated on the hitching device (3) and a second rod (33) that is connected to a pivot (35) articulated on the frame (1) and to which are connected a third and a fourth rod (37 and 38) that steer the wheels (7 and 8), said first and second rods (32 and 33) being articulated one relative to the other at the axis of articulation (23) between the two parts (21 and 22) of the beam (2).
7. The machine as claimed in claim 6, characterized in that the first and second rods (32 and 33) are articulated on a lever (41) that is itself articulated on an axis (42) concentric with the

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axis of articulation (23) between the two parts
(21 and 22) of the beam (2).